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(202) 408-4096

1002 U.S. PTO
09/974974
10/12/01

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October 12, 2001

ATTORNEY DOCKET NO. 04853.0079
CUSTOMER NO. 22,852

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, DC 20231

New U.S. Patent Application

Title: NUCLEIC ACID ENZYMES ACQUIRING AN ACTIVITY FOR CLEAVING
A TARGET RNA BY RECOGNIZING ANOTHER MOLECULE

Inventors: 1) Kazunari TAIRA Addresses: 1) Tsukuba-shi, Japan
 2) Masaki WARASHINA 2) Tsukuba-shi, Japan
 3) Tomoko WARASHINA 3) Tsukuba-shi, Japan

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application- 35 pages, including 1 independent claim and 35 claims total.
2. Drawings- 16 sheets of formal drawings containing 21 figures.
3. Sequence Listings - 8 pages
4. The filing fee is calculated as follows:

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| | | | | | | |
|---|------------------|---|-------|--------------|--------|-------------|
| Basic Application Filing Fee | | | | | \$740 | \$ \$740.00 |
| | Number of Claims | | Basic | Extra Claims | | |
| Total Claims | 35 | - | 20 | 15 | x \$18 | 270.00 |
| Independent Claims | 1 | - | 3 | | x \$84 | |
| X Presentation of Multiple Dep. Claim(s) | | | | | +\$280 | 280.00 |
| Subtotal | | | | | | \$ 1290.00 |
| Reduction by 1/2 if small entity | | | | | | - |
| TOTAL APPLICATION FILING FEE | | | | | | \$ 1290.00 |

5. A check for \$1290.00 is enclosed. The fee includes:

\$740.00 filing fee; and
\$270.00 additional claims fee
\$280.00 multiple claim fee

This application is being filed under the provisions of 37 C.F.R. § 1.53(f).
Applicants await notification from the Patent and Trademark Office of the time set for filing the Declaration.

Applicants claim the right to priority based on Japanese Application No. 2000-313320, filed October 13, 2000.

Please address all correspondence with respect to this application to:

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Please accord this application an application number and filing date.

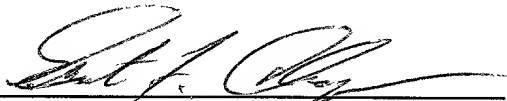
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The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or §1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By: 
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EFC/FPD/bl
Enclosures

ENCLOSURE